



# AMITY INSULATION GROUP INC.

14715 - 122 Avenue, Edmonton, Alberta Canada T5L 2W4

Bus: (780) 454-8558

Fax: (780) 452-2747

## ALUMINUM JACKETING



Aluminum Jacketing is manufactured from aluminum in a wide selection of finishes and thicknesses and is manufactured from aluminum alloy 3003 or 3105 in compliance with ASTM B209. The standard temper is H14. These alloys offer exceptional formability, corrosion resistance, toughness and mechanical properties to resist mechanical or thermal stresses in service. Aluminum jacketing is widely used for insulation, construction, roofing, industrial cladding, ducting and many other applications. Jacketing is available in rolls, cut & rolled and sheets.

STANDARDS:	ASTM B209, ASTM C1729
THICKNESS:	.016" (.4mm), .020" (.5mm), .024" (.6mm), .032" (.8mm)
WIDTH:	36 " (914.4mm) wide
LENGTH:	50' and (15.24m) 100 '(30.48m) rolls depending on thickness

### FINISHES

Smooth and Stucco Embossed.

### MOISTURE BARRIER

We offer a variety of factory applied moisture barriers to meet your metal jacketing needs as follows:

A factory applied heat laminated moisture barrier on the underside is available. This moisture barrier is a coextruded film which uses DuPont™ Surlyn® and polyethylene in a three layer composition to ensure the elimination of pin-holes, imparting excellent moisture resistance property to the film. The barrier isolates the jacketing material from underlying layers of insulation, avoiding any metal-to-metal contact to prevent corrosion. Total thickness of the film is 3 mil (75 µm) and the jacketing is ASTM C1729 Class A compliant.

A factory applied painted moisture barrier is available as well for corrosion and chemical resistance. Coils are pre-painted as follows with the top side having a clear polyester and the bottom side/moisture barrier using a blue tinted polyester. All painted jacketing has a lower emittance factor than plain aluminum which results in a reduced surface temperature as compared to conventional aluminum jacketing.

### COMPLETE SYSTEM

Amity Insulation carries a wide variety of industrial insulation, metal jacketing and accessories to meet your requirements. The complete insulation system can be ordered from one source and delivered directly to the job site or your warehouse in the same shipment, saving time, money and ultimately improving efficiencies.



DATA SHEET